

BADGER STATE

SMOKE SIGNALS

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2005 GROUND HOG PARTY
WATERTOWN, WISCONSIN

By Connie & Dave DePover
K9CID and K9MKP

Dear Friends, I wish that all of you could experience a Groundhog Party. This years was a lot of fun. There was a lot of laughter and communicating during the cocktail time. We had a delightful, home cooked meal of Swiss steak, mashed potatoes and buttered carrots. Or Master of Ceremonies was shared by Dave DePover and Mark Mullen, with our own Judy Mullen being “Vanna White” the door prize giver.

We registered for the door prize drawing by writing down “WHAT DO YOU WANT TO BE FOR HALLOW-EEN”. We had a lot of imaginative people attend because the Reponses ranged from “I Want to be Julia Roberts lover”, “I want to be a Saint”, “I want to Big Bird”, “I want to be a 16 year old Love Muffin” to “I want to be a Cowboy” and “I want to be a Black Cat”. Needless, to say we shared a lot of laughter as Vanna handed out the door prizes sometimes with her own comments.

Dave and I provided the table decorations and bags of goodies (at no cost to either club).I made clay pot turkeys and decorative candles for the tables. The

Norbury’s volunteered to deliver the 18 turkeys and 25 extra Goodies bags to shut INS in the Watertown area compliments of our combined Radio Clubs.

Tim Norbury was the highest bidder on the Notorious Groundhog Trophy. Legend says that whoever wins the trophy will have good luck all year. He also went home with the “SEE, HEAR AND SAY NO EVIL” Award. It is given to the candidate who has given their time to attend club meetings, club functions, who will speak and converse with anyone on the radio airwaves and is just an all around good person. So I guess it should be called the Good Guy or Gal Award.

Our special thanks to the Committee, Bettie and Tim Norbury, Mark and Judy Mullen, Doug, Donna and Lee Holly for sending invitations to clubs out of state, and Dave DePover for letting me do my Arts and Crafts along with listening to me and Bettie. Again, a big thank you to everybody who attended to make the Groundhog Party a true gathering of Friends.

-From the Rock River Radio Club
newsletter. Duane Haas, W9BCV editor



Pictured above: Tom Wrench, N9HR winning bidder for the Ground Hog Trophy last year presenting the trophy to this years winner Tim Norbury, W9LUB.—k9en photo

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Check us out on the web at
<http://www.bsas.org>



WHAT'S HAPPENING

Swapfests and Other Social Events — Club Meetings Amateur Radio Exam Schedules

Edited by Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage WI 53901 — kenneth.ebnetter@verizon.net

Swapfests And Other Social Events

November 18-19 2005 Indiana State Convention (Fort Wayne Hamfest & Computer Expo), Allen County Amateur Radio Technical Society, <http://www.fortwaynehamfest.com>. Talk-In: 146.88 (-). Contact: James D. Boyer, KB9IH, 3031 Wilderness Road, Fort Wayne, IN 46845. Phone: 260-489-6700. Email: kb9ih@arrl.net

January 7, 2006, Waukesha, WI
33rd Annual Midwinter Swapfest, sponsored by the West Allis RAC. Waukesha County Expo Center Forum, Waukesha, WI. For information contact: www.warac.org, WARAC Swapfest, PO Box 1072, Milwaukee, WI 53201, or Phil, W9NAW, (414) 425-3649 GPS co-ordinates: Latitude 43.03227, Longitude - 88.23948

March 19, 2006, Jefferson, WI
Tri-County Amateur Radio Club, Jefferson County Fairgrounds, Activity

Center, Hwy 18 West, Jefferson, WI. For information contact: TCARC, 213 Frederick St., Fort Atkinson, WI 53538, www.cmdline.com/tcarc/, jsatt@ticon.net or (920) 563-6381 (evenings), (200 563-9551 (fax). <http://www.cmdline.com/tcarc>

April 29, 2006, Medford, WI. Central Wisconsin Swapfest sponsored by the Black River ARA, Medford, WI. Unity Memorial Hall, 202 W Clark St. (County Hwy. K.) Unity, Wisconsin. For more information contact: Bob Braun, KB9BLV, PO Box 331, Dorchester, WI 54425 or e-mail to hamfest@charter.net <http://webpages.charter.net/centralwis/hamfest.html>

May 06, 2006, Cedarburg, WI. 26th Annual Amateur Radio and Computer Swapfest, Ozaukee Radio Club (ORC). Circle B Recreation Center, intersection of State Highway 60 and Ozaukee County Highway I. Info: Gene Szudrowitz, (262) 377-6792 between 6:00 and 8:00 pm or <http://www.ozaukeeradioclub.org/>

July 8, 2006, South Milwaukee ARC Swapfest, American Legion Post 434, 9327 South Shepard Ave., Oak Creek,

WI. e-mail ryatex@aol.com. Phone (414) 762-3235.

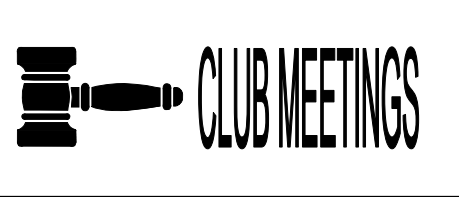
August 12, 2006 Circus City Swapfest, Sauk County Fairgrounds, Baraboo, WI. Steve Schultze, W9UDO, (608) 356-2313 or Bill Klinkner, N9KXX, (608) 643-6908/643-6453 <http://www.qsl.net/ytarc/hamfest.htm>

September 10, 2006, Swapfest, sponsored by SEWFARS at Richfiled Chalet, 1271 Hwy 175, Hubertus, WI. e-mail to sewfars@hotmail.com or call: 1-866-837-0240 (toll free) or 262-628-7791. SEWFARS Swapfest, PO Box 105, Eagle, WI 53119.

September 16-17, 2006. Peoria Superfest, Exposition Gardens Fairgrounds, 1601 W Northmoor Rd, off N. University, Peoria, IL. Contact: Peoria Superfest, PO Box 3508 Peoria, IL 61612-3508. (309) 692-2378. e-mail: w9uvi@arrl.net. <http://www.peoriasuperfest.com>.

Further information about hamfests in the area can be found at bsss.org or at <http://www.arrl.org/hamfests.html> If your organization is sponsoring a Hamfest/ Swapfest and would like us to list your

event, please send the information to Ken Ebnetter, K9EN at the address below or to k9en@arrl.net



Appleton
FOX CITIES AMATEUR RADIO CLUB Meetings: Third Mondays, 7 p.m., Columbus Club, 2531 N. Richmond Street, Appleton, WI Information: Pat, K9IK, 920.725.1149. PLatour428@aol.com Web: <http://www.w9zl.ampr.org/>

Baraboo
BADGERLAND AMATEUR TELEVISION SOCIETY (BATS) Check BATS Web page: <http://www.shopstop.net/BATS/>

Baraboo
YELLOW THUNDER AMATEUR RADIO CLUB Meetings: See the YTARC column elsewhere in this issue for meeting times and locations. For further information: <http://www.qsl.net/ytarc>.

Dubuque, IA
GREAT RIVER AMATEUR RADIO CLUB Meetings: First Monday of each month, 7 p.m. at the Red Cross Center, 2400 Asbury Road. The club serves the tri-state area. On the Web: <http://www.qsl.net/wb0lob/>. Information or questions to: N0hdc@aol.com.

Eau Claire
EAU CLAIRE AMATEUR RADIO CLUB Meetings: 2nd Tuesday - 7 p.m., Eau Claire Parks & Recreation, 1300 First Ave., Eau Claire, WI 54703. All hams and guests welcome. W9EAU repeater 146.91 MHz, tone 110.9 Hz. Information: Jim Staatz, KG9RA, President, P.O. Box 1867, Eau Claire, WI 54702-1867. Phone (715) 838-9108, Email kg9ra@ecarc.org. Web page: <http://www.ecarc.org>

Fond du Lac
FOND DU LAC AMATEUR RADIO CLUB Meetings: Second Monday at Moraine Park Technical College, Fond du Lac, WI. Time: 7 p.m. Sunday net: 7:30 p.m. CDT, K9IA repeater, 145.430 - PL 107.2 Information: Jack Heil, KG9IN, 920.922.1413. Email: kg9in@fdlhams.org Web: <http://www.fdlhams.org>.

Fort Atkinson

Badger State Smoke Signals

Amateur Radio Education and Information

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EDITORIAL BOARD: Ken Ebnetter, K9EN; Don Evenson, K9JYX.

Subscription Rate

1 year (6 issues—bi-monthly)\$13.95

A subscription form is in this issue. Special club package reduced rates are available. For information, contact Ken Ebnetter, K9EN.

When to Send It

The closing date for each issue is the first of the month before the issue date. For example, the closing date for the May issue is April 1. The only exception is for participating clubs' minutes. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

Where to Send It

Address changes and corrections, and exchange papers should be sent to Ken Ebnetter.

Editorial material, photographs, and feature articles should be sent to Ken Ebnetter, K9EN.

Web page material should be sent to n9qa@arrl.net (Dave Knaus, N9QA).

Inquiries about advertising should be directed to Ken Ebnetter.

Club, swapfest, and Test Point information should be sent to Ken Ebnetter.

Swapfest ADS should be sent to Ken Ebnetter, K9EN no later than eight weeks before the

events date.

Subscriptions should be sent, with check or money order, to Ken Ebnetter.

Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*.

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Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

(Continued from page 2)

TRI-COUNTY AMATEUR RADIO CLUB second Thursday monthly except June to August, 7 p.m., at Dwight Foster Public Library in Fort Atkinson. ARES Net each Wednesday evening at 8 and club net Monday evenings at 8 on 145.49 repeater. Contact: Glenn Eisenbrandt, WA9VYL, 920.563.6502, or John Satterlee, WA9SAB, 920.563.6381.

Grafton
Ozaukee Radio Club (ORC) Second Wednesday of each month at 7:30 p.m. Grafton Multipurpose Senior Center, 1665 7th. Ave., Grafton, Wisconsin www.qsl.net/orc/.

Green Bay
GREEN BAY MIKE AND KEY CLUB Meetings: Second Thursdays, 7:30 p.m., Media Services area of J. M. Science Building at St. Norbert College in DePere. Information: Kevin at kb9sne@yahoo.com.

Green Lake
GREEN FOX AMATEUR RADIO CLUB Greater Green Lake County area. Meetings: Third Mondays, 7:30 p.m., Green Lake Town Hall, intersection of County Highways K and N.

Houghton, MI area:
The CCRAA is the "Copper Country Radio Amateur Association" and they hold meetings the first Tuesday of each month at the Dollar Bay Fire Hall. Summer meetings (June, July, August, and September) are held at the CCRAA Clubhouse in Osceola (2 mi. S. of Calumet, MI)

Hudson
St. CROIX VALLEY RADIO AMATEURS Meetings: Third Tuesdays, St. Croix County Emergency Government Center, Carmichael Road, Hudson. Short business meeting at 7:30 p.m. followed by program. Talkin: 145.13 MHz. All are welcome!

Juneau
ROCK RIVER RADIO CLUB Meetings: First Tuesdays, 7:30 p.m., Dodge County Administration Building, 127 East Oak Street, Juneau, WI. ARES Nets: 146.64 (-600) Mondays, 7:30 p.m., Saturdays, 7278 KHZ, Alternate in 3.947 at 10:00 AM. & Wednesday, 1908 KHZ 8:00 PM, Wintertime.

Madison
SPACE PLACE AMATEUR RADIO CENTER No meetings. Located on U.W.-Madison campus. Guest operators are welcome to operate the U.W. Space Place Amateur Radio Station, N9UW. Information: Don Michalski, W9IXG, President, (608) 263-4685. Email: n9uw@sal.wisc.edu.

Madison
BADGER AMATEUR RADIO SOCIETY University of Wisconsin - Madison/W9YT Meetings: Third Mondays at 7:00 p.m. in UW Union South. Room number posted on the Today in The Union board. Information: Don Michalski, W9IXG, (608) 263-4685. Email: w9ixg@arrl.org. Web: <http://www.qsl.net/w9yt>.

Madison
Madison DX Club, meetings are on every fourth Tuesday of each month; see <http://madisondxclub> for more details.

Madison
FOUR LAKES AMATEUR RADIO CLUB Meetings: Third Tuesdays, 7:30 p.m., Red Cross Building, 4860 Sheboygan Avenue, Room C, downstairs. First building west of Hill Farms State Office Building.

Manitowoc
MANITOWOC COUNTY RADIO AMATEURS (ManCoRad) Second Wednesday of each month. Club board meets at 6:30 p.m., and Regular meeting is at 7:30 p.m., at 1105 Fleetwood Drive, 2nd floor (Old County Shop building on northwest side of city.) For Additional information please see our club web-site www.qsl.net/w9dk or contact Fred Neuenfeldt, W6BSF, (920) 682-9312. Email: w6bsf@arrl.net.

Marinette WI
Menominee MI
Amateur Radio Club Meetings held second Thursday 7:00PM each month BAMC Tenth Avenue Menominee Michigan in the basement. Guests welcome e-mail secretary kg9ad@arrl.net

Medford
Black River Amateur Radio Association Meetings: Normally the first Thursday of each month. Usual meeting time is 7 PM. Most meetings are held at the Taylor County Courthouse. Directions: Those attending should park in the main courthouse parking lot on the east side of the building, and enter using the main courthouse entrance or the sheriff's dept. entrance. Proceed to the lower level of the courthouse using the stairs or elevator. We meet in the "break room" on the lower level, near the Emergency Government office. Talk-in on the 147.15 repeater (114.8 Hz PL, +600 kHz offset) and 146.52 MHz simplex. Contact: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405. Phone: (715) 223-3996.

Menomonee Falls
FALLS AMATEUR RADIO CLUB, INC. Meetings: Last Wednesdays at Bank One building in Germantown. Doors open 7 p.m. Meeting time: 7:30 p.m. Guests are welcome!

Menomonie WI
Saturday coffee at Burger King, 544 Main Street, at 9 a.m. Social hour on 4th Tuesdays at 7:00 p.m. at the Depot, 2616 Hills Court, north of Walmart on highway 25 North, in January, March, April, and September through November. Guests welcome!

Milwaukee
GREATER MILWAUKEE DX ASSOCIATION Meetings: Fourth Monday of month, 7:30 p.m. Contact any GMDXA member, or Gary Schwartz, K9GS, (262) 363-4439. Email: garyk9gs@arrl.net.

Milwaukee
MILWAUKEE RADIO AMATEURS CLUB Meetings: Last Thursdays, 7:00 p.m. Redemption Lutheran Church, 4057 North Mayfair Road, Wauwatosa, WI. Mailing address: P.O. Box 070695, Milwaukee, WI 53207. Web: <http://www.qsl.net/mrac> . Email: w9rh@arrl.net.

Monomonie
RED CEDAR REPEATER ASSOCIATION, INC. Saturday coffee at Hardee's in North Monomonie, corner of Highways 12 and 25 at 9

a.m. Social hour on 4th Tuesdays at 7:30 p.m. at the Peppermill Too, 1414 9th Street in the L-Mart Shopping Center in January, March, April, and September through November. Guests welcome!

Northeast Area
NORTHEAST WISCONSIN DX ASSOCIATION Meetings quarterly: April 28, Marinette; August 25, Fox Valley; November 10, Green Bay. For specific information about meetings, check <http://home.new.rr.com/newdx/>. Contact us at w9dxa@arrl.net.

Oak Creek
SOUTH MILWAUKEE AMATEUR RADIO CLUB Meetings: First Wednesdays, Legion Post #434, Shepard Ave., Oak Creek, WI. In March and October the meetings are turned into Auction Nights.. The club WEB site is [ww.qsl.net/wa9txe](http://www.qsl.net/wa9txe)

Onalaska
RIVERLAND AMATEUR RADIO CLUB Meetings: First Tuesdays, 7 p.m., Onalaska Community Center. More information: <http://www.qsl.net/wr9arc/> . Email: wr9arc@qsl.net.

QCWA Chapter 162
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Southeastern Wisconsin Chapter 162. Meetings: Third Monday in January, March, May, July, September, and November, 7:30 p.m., usually at Meadows Restaurant, Franksville, WI. Social events: Third Sundays in February, April, June, August, and October. Christmas party: Usually second or third Sunday in December.

QCWA Chapter 55
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Wisconsin Chapter 55 meets the first Saturday of June and October. For information about Chapter 55, contact Ron Yokes, W9BCK, Secretary, 612 N. Pt Washington Road, Grafton, WI 53024-9703. (262) 375-1774. <mailto:rryokes@execpc.com>.

Racine
LAKESHORE REPEATER ASSOCIATION Meetings: Last Tuesday, January, April, July, October. American Red Cross Building, 4521 Taylor Ave., Racine, WI.

Racine
RACINE MEGACYCLE CLUB Meetings: Second Mondays, 7:30 p.m., American Red Cross Building, 4521 Taylor Ave., Racine, WI.

Rhineland
NORTHWOODS AMATEUR RADIO CLUB Meetings: Third Tuesday of Sept., Nov., Dec., Feb., and April for dinner business meetings at Ella's Restaurant, Jct. of Hwy. 51 and 70, north side of Woodruff, WI. Talkin on Sayner or Tomahawk repeaters. The Northwoods ARC News is on the club web site, <http://www.freeyellow.com/members7/nwarc>.

Sheboygan
SHEBOYGAN COUNTY AMATEUR RADIO CLUB Meetings: Second Tuesdays. 7 p.m., Sheboygan County Red Cross/Boy Scout Building, 2032 Erie Avenue.

Shell Lake
Northland ARC meetings are held the first Saturday of each month after breakfast. Location:

Schmitz's Economart Deli. Located on US Hwy.63 on the south end of Spooner. The meeting will start at approx. 8:00 AM. Breakfast usually starts by 7:30 AM. Come and see what we're about. Anyone, even if you're licensed or not and has an interest in ham radio is welcome to attend! Next Meeting: Sept 4th, 2004 at 8:00 AM. So Please plan to attend!!!! <http://home.centurytel.net/NorthlandARC/>.

Stevens Point
CWRA Ltd./UWSP ARC Meetings second Wednesday. of each month at 7:30 pm. Science Building on the UW-Stevens Point Campus, Room A107, Stevens Point, WI. Email: jglas776@uwsp.edu. Webpage: www.qsl.net/wb9qfw.

Superior
ARROWHEAD AMATEUR RADIO CLUB, INC. Meetings: Second Tuesday at WITC Conference Center, 600 N. 21st St., Superior, WI. Time: 7:30 p.m. Board meetings held before regular meetings.

W.A.R. WISCONSIN ASSOCIATION OF REPEATERS
Quarterly meetings of the Wisconsin Association of Repeaters are held at various locations around the State in March, July and November. Check the WAR web page for meeting announcements and repeater coordination info. Information: <http://www.wi-repeaters.org>.

Watertown
WATERTOWN AMATEUR RADIO CLUB Meetings: First Thursdays of month, 7 p.m., Watertown Public Library, 100 South Water Street.

Waupaca
WAUPACA AMATEUR RADIO CLUB CQ First Tue. Social gathering and Dutch treat luncheon, King's Table, King, WI, on Highway QQ, just south of Highways 10 and 54, west side of Waupaca. Gather at 11 to 11:30. Order at noon. Club business transacted. CQ Third Fri. Social gathering and Dutch treat dinner. Semi-formal, OM and XYL, at one of the better supper clubs in the area. Check: Waupaca 147.39 nets at 8 a.m. or 8:50 p.m. for month's meeting location.

Wausau
WISCONSIN VALLEY RADIO ASSOCIATION Meetings: First Tuesdays, 7:30 p.m. Location varies. Information: 146.64 (-600). <http://home.dwave.net/~wvra/>.

West Allis
West Allis Radio Amateur Club Second Tuesday of each month at 7:30 p.m. St. Peter's Episcopal Church, 80th and Lincoln Ave., West Allis. Meetings in basement. Entrance at rear, off alley. Handicapped accessible. www.warac.org.

West Bend
WASHINGTON COUNTY AMATEUR RADIO CLUB Meetings: Second Thursdays, 7:30 p.m., Washington County Courthouse. Net: Thursdays, 7:30 p.m., 146.73 (-600).

Wisconsin Rapids
WISCONSIN RAPIDS AMATEUR RADIO CLUB Meetings: Third Wednesdays, 7 p.m., Room 14 of Wood County Courthouse. Talkin: 146.79 (-600) for entry into the building.

Wisconsin Nets Association Ltd.

Dean R. Herriges, KB9ROB, Secretary
W370 S9590 Highway 67 • Eagle, WI 53119

WISCONSIN NETS

Net	WNA	Freq.	UTC	LOCAL	Manager
BWN	YES	3985	1200	0600	W9IXG
BEN	YES	3985	1800	1200	KE9VU
WSBN	YES	3985	2315	1715	K9FHI
WNN	YES	3723	0000	1800	KB9ROB
WSSN	YES	3645	0030	1830	WA9ZTY
WIN/E	YES	3662	0100	1900	WB9ICH
WIN/L	YES	3662	0400	2200	W9UW
RCRA	NO	01/61	0130	1930	KA9OMC
(Mondays CDT— Menomonie Area)					
Green Bay Area	NO	72/12	0345	2145	WB9NRK
ARES	NO	4.65/5.25	0300	2100	
(South East/South Central Wisconsin)					
ARES/RACES (WRACES)	NO	3996	0000	1800	KB9ENO

STM REPORT -WISCONSIN

SEPTEMBER 2005

you're looking for an outlet for your traffic, click on the Wisconsin Cities Routing Guide. If you don't have Internet access, send me a radiogram and I'll post one to you. On the same web page, you'll see a list of the current net managers and net control stations for the section nets. Notice the open NCS slots? Those spaces are just for you! Don't hesitate to volunteer. 73 -- K9LGU/STM-WI

FAQ #48 - How do I know who checks the nets and how I might route my traffic? You might check the Wisconsin page of the ARRL web site. Just scroll down to the Traffic Handling section and click on Traffic Handlers Calls List for an alphabetical list of those who frequent the Wisconsin Section nets. If

WISCONSIN SECTION MONTHLY NET ACTIVITY SUMMARY

SEP 2005

NET	QNI	QTC	QTR	SSNS	NM
BWN	1490	2048	3405	30	W9IXG
BEN	307	20	589	21	KE9VU
WSBN	739	62	1072	30	K9FHI
WNN	179	15	287	23	KB9ROB
WSSN	145	32	289	30	N9JIY
WIN/E	149	16	229	29	WB9ICH
WIN/L	152	34	292	30	W9UW
WRACES	100	1	221	4	N9VAO
totals	3261	2228	6384	197	

P S H R SUMMARY

SEP 2005

CALL	1	2	3	4	5	6	T
K9LGU	40	40	30	60	0	0	170
KB9KEG	40	40	20	45	0	10	155
AG9G	40	40	20	40	0	0	140
K9FHI	40	40	30	5	0	10	125
W9BHL	40	40	30	0	0	0	110
W9RSX	40	12	10	0	0	0	62
K9JPS	30	0	10	0	0	0	40

P S H R SUMMARY

SEP 2005

CALL	1	2	3	4	5	6	T
K9LGU	40	40	30	60	0	0	170
KB9KEG	40	40	20	45	0	10	155
AG9G	0	40	20	40	0	0	140
K9FHI	40	40	30	5	0	10	125
W9BHL	40	40	30	0	0	0	110
W9RSX	40	12	10	0	0	0	62
K9JPS	30	0	10	0	0	0	40

ARRL Bulletin 25 ARLB025

W1AW Winter Operating Schedule

From ARRL Headquarters
Newington CT October 31, 2005
To all radio amateurs

SB QST ARL ARLB025
ARLB025 W1AW 2005/2006 Winter Operating Schedule

Morning Schedule:

Time	Mode	Days
-----	----	-----
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)
1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)

(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100 "	CWs	Tue, Thu
2200 " (5 PM EST)	CWb	Daily
2300 " (6 PM EST)	RTTY	Daily
0000 " (7 PM EST)	CWs	Mon, Wed, Fri
0000 "	CWf	Tue, Thu
0100 " (8 PM EST)	CWb	Daily
0200 " (9 PM EST)	RTTY	Daily
0245 " (9:45 PM EST)	VOICE	Daily
0300 " (10 PM EST)	CWf	Mon, Wed, Fri
0300 "	CWs	Tue, Thu
0400 " (11 PM EST)	CWb	Daily

Frequencies (MHz)

CW:	1.8175	3.5815	7.0475	14.0475	18.0975
21.0675	28.0675	147.555			
RTTY:	-	3.625	7.095	14.095	18.1025
21.095	28.095	147.555			
VOICE:	1.855	3.990	7.290	14.290	18.160
21.390	28.590	147.555			

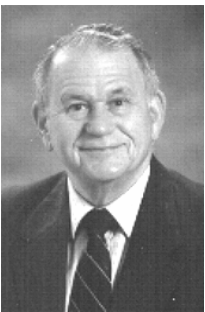
Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM
CWf = Morse Code practice (fast) = 35, 30, 25,
(Continued on page 6)

Check us out on the web at
<http://www.bssts.org>

The Computer Corner

By Stan Kaplan, WB9RQR • 105 Martin Drive
Port Washington, WI 53074-9654
(262) 284-9346
Skaplan@mcw.edu



No. 125. Odds and Ends
- by Stan Kaplan, WB9RQR
105 Martin Drive
Port Washington, WI 53074-9654
(262) 284-9346
skaplan@mcw.edu

At this writing it is the start of February 2005, and I have had several computing changes, discoveries and suggestions that would be good to share.

First, if you have not already done so, be sure to get both Ad-Aware and Spybot installed on your machine, and run them at least as often as their definition files are updated. There are a lot of malware programs out there that will pop a definition in your registry or elsewhere on your machine, which will send all sorts of information recorded on your computer back to wherever without your knowing it, whenever you are connected to the web. Both Ad-Aware and Spybot are excellent programs, but as is true with virus scanners, neither will catch all the malware. Your chance of getting and removing all the bad entries are about 99.9% if you use them both. This is not just my opinion. At least one study has been done to compare most of the “computer cleaners” available, some of which charge goodly sums for their software. Ad-Aware and Spybot (both free) came out at the top in detecting all the bad stuff that had been loaded on the computers for the test, but neither was able to detect everything. However, between the two of them, they got everything. One big caution, though. A spoof site has been using Spybot’s name and selling software that doesn’t work and may contain malware itself. When you get to the site to download the free software, be sure the software is called “Spybot – Search and Destroy”. Just to be sure, use these URLs: <http://www.spybot.info/en/index.html>, and <http://www.lavasoft.de/software/adaware/>. These two are MUST HAVE programs, and they are free! Microsoft also makes a free Antispyware package but it is due to expire at year’s end when they will start charging a fee for it.

Ed Rate (AA9W) sent me an email asking about Norton Systemworks usage graphs on memory usage. Specifically, he asked the difference between several types of memory sensors in Systemworks. Here they are with the definitions:

Memory Load: According to Norton’s

help file, when a sensor reports a 50% memory load, all the RAM (Random Access Memory, or the memory sticks you purchased at Best Buy last week) have been committed, and any subsequent memory commitment requires swapping between RAM and the Swapfile. Note that the Swapfile is also known as Virtual Memory in the Windows world, though it is not memory by any stretch of the imagination! Rather, it is just some space Windows lays out on the hard drive where it can write stuff temporarily, like a human using a scratchpad.

Memory Free: If Norton is consistent, this must be all non-committed RAM plus all non-committed space in the Swapfile.

Permanent Memory Free: Since the Swapfile is not permanent, this must be all of the free RAM memory only.

Virtual Memory Free: This would be all the non-committed space in the Swapfile.

User Memory Free: This is a little harder to define, because it doesn’t refer to where the memory is, but rather how the memory is used. The memory in a computer is divided into three areas with regard to usage and priority. 1. Memory for the Kernel (core, heart), which is used to keep the operating system and essential services going. 2. Memory for the Graphical Device Interface (GDI). The GDI is used to paint the screen and otherwise change the computer’s unfathomable musings into meaningful stuff a human can understand. 3. Memory for the User, which is everything not in 1 and 2, above, such as running programs to calculate your income tax or write a letter or play Solitaire. Hope that helps, Ed.

Two new programs that are taking the world by storm are Mozilla Firefox and Mozilla Thunderbird. Firefox is a browser, much faster, more efficient and safer than Internet Explorer or Netscape. Nevertheless, it has all the frills and features of the two “biggies”. Thunderbird is an email program that replaces Netscape Mail and Outlook Express. It has a really good spam filter that learns incredibly quickly to filter junk mail. I downloaded both Firefox and Thunderbird and played with them for a few days. After that short introduction, I was convinced. I imported all my addresses and favorites from Netscape (which was my main browser), and dumped Netscape! Really good software, and it is free! Highly recommended. Note added 5May05: Both Firefox and Thunderbird continue to be great.

Finally, I upgraded the operating system from Win98se on my main machine. It had been crashing more often, and seemed sluggish, even with the good efforts of Norton Systemworks to keep it tuned up and virus-free. When Word crashed so badly that a reinstall was necessary, I concluded that it was time for a new installation. As Dave Barrow (N9UNR) says, Windows seems to accumulate errors over time, and at the very least, the operating system should be re-installed every couple of years. Rather than reinstalling Win98se, I opted for an upgrade. Windows 2000 was my choice, because it does not insist on “phoning home”. There is no requirement that you call or connect with Microsoft in order to activate your software (XP will stop working if you do not activate it within a few weeks of installing it). The installation went very smoothly, and Win2k (shorthand for Windows 2000) even presented me with a file containing a list of a couple of issues – drivers that needed upgrading in order for the software on my specific

machine to work properly. That really impressed me – slick programming, indeed! It even detected my network settings and linked up with my other three machines, all by itself.

Win2k is an updated version of Windows NT, used by business for many, many years. Did you know that NT came out even before Windows 95? So, Win2k is built on a long history of use in the business world, where security and stability are paramount. I am finding it to be very stable and easy to use – the desktop is not much different from Win98se, so there is no significant learning curve. Yes, Windows 2000 is still being sold, and its Windows Update button gets the latest upgrades and security fixes direct from Microsoft (without sending any of your personal information). So far (a month), I like it very much, and my computer is back to its old speedy self. Note added Oct 05: Win2k continues to be excellent and very stable – no crashes in 9 months! Happy Computing!

WISCONSIN SECION MANAGER REPORT

WISCONSIN: SM: Don Michalski, W9IXG. BWN 3985 0500-0715 W9IXG. BEN 3985 1200 KE9VU. WSNB 3985 1730-1800 K9FHL. WNN 3723 1800 KB9ROB. WSSN 3645 1830 N9JIY. WIN-E 3662 1900 WB9ICH. WIN-L 3662 2200 W9UW. (All times are Central)

** With deep regret, I am informing you of the passing of the following Amateurs:

-- Forrest "Fuzzy" Knaack, W9ZWV, 83. He was a member of the RRRRC.

-- Carl Plotz, WB9JSW, 62. Carl was very active in the Wisconsin nets.

-- Tom Wember, W9DWC, 76. Tom was a member of WARAC.

-- Richard "Rick" Elsener, W9RCW, 70. Rick was my Assistant Section Manager, former OOC and BWN manager. He was of great help to me and others and will be missed by many.

-- Warren Rudy, KB9JZT, 79.

** Congratulations to Amber L. Ericksen, KC9FVW, for receiving the 2005 WARAC Scholarship award! Amber credits K9MU for inspiring her into the hobby. She enjoys 6 and 2 meters and contesting and is the vice president of the Midwest World Wide Young Contesters and a member of the Chippewa Valley VHF Contesters.

** WARAC is teaching a Ham Radio segment as part of a fall Camporee for the Great Blue Heron Council of the Girl

Scouts, and the Potawatomi Area Boy Scout Council on Saturday, October 15. That is, also, JOTA weekend! Details on the event can be found at this site: <http://www.arrl.org/FandES/ead/ideas.html> We hope that clubs will participate.

** Pat, N9JGD, was monitoring 20M when he heard a call from a Ham in the Katrina disaster area wanting to make contact with a Wisconsin Amateur. He responded and established a third-party "phone patch" using what he had available, a speaker-phone, to connect the mother in that affected area with her Wisconsin son so she could tell him she was okay. Pat's station is a modest 100 watt rig with just a long wire. Well done, Pat!!

** STM REPORT WISCONSIN AUGUST 2005 >> FAQ #46 - What are those Station Activity Reports I hear being sent on the traffic nets? To get a sense of current traffic-handling activities in the section, Official Relay Stations - and any other operators - are invited to report their monthly traffic activities to the Section Traffic Manager. Those reports are forwarded to ARRL HQ.

The standard format for a report, also known by the acronym, SAR, goes like this -- O R S D T. The message gives the number of messages Originated (from a third party), the messages Received (via radio from another station), the messages Sent (to another station via radio), the messages Delivered (to a third party), and the Total of all four categories. So a typical text (check of ten) would sound like this:

(Continued on page 6)

Check us out on the web at
[Http://www.bs5s.org](http://www.bs5s.org)

WISCONSIN SECTION MANAGER REPORT

(Continued from page 5)

system.

SAR AUGUST ORSDT 0 12 20 5 37
X 73.

Sending SARs in this format is good practice and makes them easier to copy and record for the STM, too. Any ARRL member interested in traffic handling can be appointed as an Official Relay Station. Just contact your Section Manager or Section Traffic Manager.

>> FAQ #47 - How can I participate in the nets for the Simulated Emergency Test on October 1? Check with your Emergency Coordinator in your county. Listen and check in with your local nets. You will also find the Wisconsin ARES/RACES nets on 3.9775 and a special session of the Badger Emergency Net on 3.985 during the SET. Prepare a few radiograms to be sent during that Saturday morning. Use emergency power if you can. Let's test the

73 -- K9LGU/STM-WI

**** We appreciate the Wisconsin**
Amateurs who have responded to the call for assistance along the southern coast. The positive spin-off has benefited all of us in public service who have been preaching for years that when all else fails Amateur Radio is there to lend assistance. It is why we all take courses and train! EmComm courses are still being offered under the reimbursement program so I highly recommend those still wishing to enroll to do so immediately. The reimbursement program will end in October! <http://www.arrl.org/cce/> 73, Don W9IXG

ARRL Wisconsin Section
Section Manager: Donald E. Michalski, W9IXG
w9ixg@arrl.org

W1AW Winter Operating Schedule

(Continued from page 4)

20, 15, 13 and 10 WPM
CWb = Morse Code Bulletins =
18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins
= BAUDOT (45.45 baud) and
AMTOR-FEC (100 Baud). ASCII
(110 Baud) is sent only as
time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulle-

tins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

In a communications emergency, monitor WLAW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half hour.

FCC licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur radio license or a photocopy.

The W1AW Operating Schedule may also be found on page 100 in the November 2005 issue of QST or on the web at, <http://www.arrl.org/wlaw.html> .

NNNN

SPECTRUM DEFENSE FUND 2006: PROTECTING AMATEUR RADIO'S ABILITY TO RESPOND

The ARRL officially kicks off its 2006 Spectrum Defense Fund campaign Monday, October 10, by once again emphasizing that Amateur Radio spectrum is one of our nation's most valuable assets. Amateur Radio and everything it accomplishes during disasters and emergencies would cease to exist without access to the range and variety of frequencies it enjoys, says ARRL Chief Development Officer Mary Hobart, K1MMH.

"Public service is number one on the FCC's §97.1 hit parade of reasons Amateur Radio exists," Hobart said. "The events of September 2005--like those of September 2001--demonstrate the power of Amateur Radio in spades." She says ham radio volunteers who've been taking part in the hurricane Katrina and Rita relief and recovery, whether on the Gulf Coast or from home, "testify to what hams have known for years--the value of Amateur Radio frequencies when disaster strikes."

Southern Baptist Disaster Relief volunteer Christy Hardin, KB7BSA, just returned home to Alabama after two duty tours in southern Mississippi following Hurricane Katrina. "This is the essence of why we need to fight for our frequencies and maintain what we have," she said, looking back on her experiences of the past several weeks. "This is what it's about."

Amateur Radio volunteers have employed a wide range of modes and capabilities to provide needed communication support following the Gulf Coast hurricanes, Hobart points out. The mix includes extensive use of HF, VHF and UHF as well as Voice over Internet Protocol (VoIP) systems such as EchoLink and IRLP, and data modes--primarily Winlink 2000.

In a 2006 Spectrum Defense Fund appeal going out to ARRL members, ARRL CEO David Sumner, K1ZZ, calls the past month "a challenging one" for those directly affected by the twin Gulf Coast hurricanes. Amateur Radio was in the forefront of those responding to help, he said, from the time Amateur Radio nets began tracking Katrina's course as a tropical storm to the response on the ground in Louisiana, Mississippi and Alabama. "Amateur Radio operators continue to do what no one else can do--provide reliable emergency communications."

"In recent weeks the demand for information about ham radio from the press, and the helping hands extended by official Washington and our Amateur Radio industry have validated what hams

have been doing for decades," Sumner's appeal goes on to say, "using our treasured frequencies to save lives, move emergency resources and relay messages across the country."

Amateur Radio's spectrum is available because the League works hard every day to protect and enhance it, Sumner noted. "Each year ARRL expends thousands of staff hours and provides funding to work with agencies and organizations to protect Amateur Radio spectrum," he said. "Amateur Radio volunteer operators are always glad to help . . . to ensure that our frequencies are there for disasters, drills, nets and just plain fun, we must continue to protect them."

Donations to the League's Spectrum Defense Fund give the League the means to represent Amateur Radio at critical meetings in official Washington and at international conferences, prepare FCC filings and presentations and even to work to eliminate harmful interference from such sources as BPL and power line noise.

Hobart says every radio amateur has reason to feel proud of the service that ham radio volunteers have provided in the most recent disaster. "I hope that every ham, active or not, ARRL member or not, will translate that pride into a contribution to support defense of our frequencies," she said.

Giving is easy. Radio amateurs may contribute online via the ARRL's secure donor Web site [<https://www.arrl.org/forms/fdefense/>](https://www.arrl.org/forms/fdefense/). Those contributing \$50 or more may request a gift as a token of the League's appreciation.

The ARRL has been included in the 2005 Combined Federal Campaign (CFC) National/International list <<http://www.opm.gov/cfc/>>. This means federal government civilian employees as well as postal workers and members of the military can designate their CFC pledges to the ARRL during the campaign season, which ends December 15. The League's CFC donor code is 9872. Federal employees who participate in the CFC can donate all or part of their CFC contribution to the League to support ARRL's efforts on behalf of Amateur Radio.

For more information about the 2006 Spectrum Defense Fund or to discuss other ways you can support the ARRL's continuing work on behalf of Amateur Radio, contact ARRL Chief Development Officer Mary Hobart, K1MMH:
<k1mmh@arrl.org>; 860-594-0397.

The Test Point



Amateur Radio Examination Locations and Schedules in the Area

November 05, 2005	St. Paul, MN
November 05, 2005	Racine, WI
November 10, 2005	Apple Valley, MN
November 12, 2005	Blaine, MN
November 12, 2005	Oshkosh (Omro), WI
November 12, 2005	Iron Mountain, MI
November 12, 2005	Onalaska, WI
November 15, 2005	Eden Prairie, MN
November 17, 2005	Iron River, MI
November 19, 2005	Cottage Grove, MN
November 19, 2005	Loves Park, IL
November 19, 2005	Milwaukee, WI (BE)
November 26, 2005	Bloomington, MN
November 26, 2005	Milwaukee, WI (MRAC)
December 03, 2005	St. Paul, MN
December 03, 2005	Racine, WI
December 08, 2005	Apple Valley, MN
December 10, 2005	Blaine, MN
December 10, 2005	Oshkosh (Omro), WI
December 10, 2005	Negaunee, MI
December 15, 2005	Iron River, MI
December 17, 2005	Cottage Grove, MN
December 17, 2005	Loves Park, IL
December 17, 2005	Milwaukee, WI (BE)
December 20, 2005	Eden Prairie, MN
January 07, 2006	St. Paul, MN
January 12, 2006	Apple Valley, MN
January 14, 2006	Blaine, MN
January 14, 2006	Oshkosh (Omro), WI
January 17, 2006	Eden Prairie, MN
January 19, 2006	Iron River, MI
January 21, 2006	Cottage Grove, MN
January 21, 2006	Milwaukee, WI (BE)
January 21, 2006	Loves Park, IL
January 28, 2006	Bloomington, MN
January 28, 2006	Tomahawk, WI
January 28, 2006	Milwaukee, WI (MRAC)
February 04, 2006	Racine, WI
February 04, 2006	St. Paul, MN
February 09, 2006	Apple Valley, MN
February 11, 2006	Oshkosh (Omro), WI
February 11, 2006	Blaine, MN
February 17, 2006	Iron River, MI
February 18, 2006	Cottage Grove, MN
February 18, 2006	Loves Park, IL
February 18, 2006	Milwaukee, WI (BE)
February 21, 2006	Eden Prairie, MN
February 25, 2006	Bloomington, MN
February 25, 2006	Milwaukee, WI (MRAC)
February 25, 2006	Tomahawk, WI
March 04, 2006	Racine, WI
March 04, 2006	St. Paul, MN
March 09, 2006	Apple Valley, MN
March 11, 2006	Oshkosh (Omro), WI
March 11, 2006	Blaine, MN
March 17, 2006	Iron River, MI
March 18, 2006	Cottage Grove, MN
March 18, 2006	Loves Park, IL
March 18, 2006	Milwaukee, WI (BE)
March 21, 2006	Eden Prairie, MN
March 25, 2006	Bloomington, MN
March 25, 2006	Tomahawk, WI
April 01, 2006	Racine, WI
April 01, 2006	St. Paul, MN
April 08, 2006	Blaine, MN
April 08, 2006	Oshkosh (Omro), WI
April 13, 2006	Apple Valley, MN
April 15, 2006	Milwaukee, WI (BE)
April 15, 2006	Loves Park, IL

April 15, 2006	Cottage Grove, MN
April 18, 2006	Eden Prairie, MN
April 20, 2006	ron River, MI
April 22, 2006	Bloomington, MN
April 29, 2006	Milwaukee, WI (MRAC)
April 29, 2006	Tomahawk, WI
May 06, 2006	Racine, WI
May 06, 2006	St. Paul, MN
May 11, 2006	Apple Valley, MN
May 13, 2006	Blaine, MN
May 13, 2006	Oshkosh (Omro), WI
May 16, 2006	Eden Prairie, MN
May 18, 2006	ron River, MI
May 20, 2006	Loves Park, IL
May 20, 2006	Cottage Grove, MN
May 27, 2006	Bloomington, MN
May 27, 2006	Milwaukee, WI (MRAC)
May 27, 2006	Tomahawk, WI

Monthly, 1st Sat. (except Jan., Jul., & Aug.)	Racine, WI
Monthly, 1st Sat.	St. Paul, MN
Monthly, 2nd Thu.	Apple Valley, MN
Monthly, 2nd Sat.	Blaine, MN
Monthly, 2nd Sat.	Oshkosh (Omro), WI
Monthly, 3rd Tue.	Eden Prairie, MN
Monthly, 3rd Thu.	Iron River, MI
Monthly, 3rd Sat. (September through April)	Milwaukee, WI (BE)
Monthly, 3rd Sat.	Loves Park, IL
Monthly, 3rd Sat.	Cottage Grove, MN
Monthly, 4th Sat.	Bloomington, MN
Monthly, Last Sat. (Except Mar., Jun., Aug., & Dec.)	Milwaukee, WI (MRAC)
Monthly, Last Sat. (January thru October only)	Tomahawk, WI

GENERAL RULES FOR MOST EXAMINATIONS: Be sure to check with sponsors before going to an examination session. There may be changes and/or errors in the dates or information given. Some examinations require filing an FCC or NCVEC Form 605 and advance registration at least 30 days before the exam date. Some VE teams permit walkins. Check with the sponsor.

Many hamfests and swapfests offer examinations. A Hamfest entrance fee should not be charged if you come only to attend the examination. To register in advance, you must get a copy of the current FCC Form 605, and fill it out completely and correctly. Get your form from the FCC as instructed below, or from the American Radio Relay League, 225 Main Street, Newington, CT 06111. Please send an SASE if you request a form from the League. FCC Field Offices seldom stock forms. You can also get a form from

<http://www.fcc.gov/formpage.html>
or
<ftp://ftp.fcc.gov/pub/Forms/Form605>.

A form by FAX is available at (202) 418-0177 (request Form 000605). The FCC Forms Distribution Center will accept orders at (800) 418-3676. Form 605 has a main form, plus a Schedule D with two parts (for Vanity and Physician's Certifications). Forms can also be obtained from the sponsoring group.

See QST, WIAW bulletins, or The ARRL Letter regarding any annual exam fee changes. ARRL/VEC no longer gives a free code test or Element 2. Test fees: The ARRL/VEC has set its 2005 test fee at \$14.00. FCC requires applicants to show their original amateur license or CSCE to the VE team. You must also have a good copy of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 605 and most VE teams need a copy for their records. One

good CSCE copy is sufficient. You are also be required to have a photo ID, or two other forms of ID. Contact the VE team for details.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General with a code test only. Proof must be either in the form of a pre-3/21/87 license document or a "Letter of Verification of Technician License Held Prior to 1987" as requested in writing from the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245. For those with internet access, a listing of exam sessions is available from:

<http://www.arrl.org/arrlvec/examsearch.phtml>

By checking this page, you can find registered VE sessions anywhere in the US and some overseas. You can search by country, state or zip code. The listing is not specific to any particular VEC. It is a master database. Thanks to Bart Jahnke, W9JJ, ARRL/VEC.

Adams, WI
Adams City Fire Dept., 101 N. Main St., Highway 13, Adams, WI. Contact Edward J. Wagner (608) 584-4858. ab9fn@arrl.net

Appleton, WI
Fox Cities ARC (ARRL/VEC) All regular test sessions are held at the American Red Cross Building, 1302 East Wisconsin Ave. in Appleton. Testing starting at 8 a.m. No walk-ins after 9 a.m. For information, contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (920) 730-0967. Email: w9mdp@arrl.net.

Eau Claire, WI
Eau Claire Amateur Radio Club. Grace Lutheran Church, 202 W., Grand Ave. Enter off 2nd Avenue entrance, Eau Claire, WI
Technician, General and Extra Class exams. Walkins welcome. Examination session coordinator: Jonathan E., Case, (715) 834-1540. www.ecarc.org. w9eau@ecarc.org.

Fond du Lac, WI
Fond du Lac ARC (ARRL/VEC). Community United Methodist Church, 701 Minnesota Ave., North Fond du Lac. 9:00 a.m. Walk-ins allowed. Contact: Douglas J. Schultz, 920 - 922 - 3088, schultz74@charter.net.

Houghton MI: Sponsor: HARC/CCRAA. Time: 8:30 AM (Walk-ins allowed). Contact: George R Thurner (906)337-2542. Email: W8FWG@ARRL.NET VEC: ARRL/VEC Location: Michigan Tech University-US Hwy 41. Wadsworth Residence Hall, East End of Campus, G11w (Downstairs/Turn Left), Houghton, MI 49931

Iron Mountain, MI 49801: Sponsor: W5YI VEC. Time: 9:00 AM (Walk-Ins Allowed). Contact: Mark J Lewis, (906)337-2542 . VEC: W5YI.VEC. Location: Dickinson County Library, 401 South Iron Mountain St., Arrival Time: 9:00 AM. Conference Room, Iron Mountain, MI 49801

Iron River, MI. Sponsor: Iron Range ARA (IRARC). Time: 6:30 PM (No walk-ins). Contact: Dan R Waters, (906)265-4240. Email: dmwaters@ironriver.tv VEC: W5YI.VEC. Location: Iron River Lutheran Church,

Across From Mcdonald's. Pre-Registration Required. If no applicants - No testing. Iron River, MI 49935

Madison, WI
The Madison Wisconsin, Four Lakes Amateur Radio Club sponsored VE testing has moved to the new University of Wisconsin Space Place, 2300 South Park Street, lower level, Madison, WI in the Villager shopping center complex. Exams are given the first Saturday of the month. Holidays included. Doors open at 8:00 AM, and we hope to have all exams completed and graded by 10:00 AM.

Please bring a picture ID, your original license, a copy of your license, and the original and a copy of any relevant CSCEs, and a check for \$12.00 made out to the ARRL/VEC. No appointments are necessary to take exams. Exams start promptly at 8 a.m. Questions may be directed to Tim Czerwonka, WO9U, at 608-239-3696 (home phone) or sent to wo9u@arrl.net.

Marshfield, WI
Sponsored by the Marshfield Area ARS. Saint Joseph's Hospital, 611 Saint Joseph Ave., Room 124, Hospice South Bldg., Marshfield, WI 54449. Contact Lee A. Olson, (715) 389-8888.

Mauston, WI (ARRL/VEC)
Sponsored by the Juneau County ARC. 9:30 a.m. (Walk-ins allowed). Mauston City Hall, 303 Mansion St., Community Room, 4th Floor, Mauston, WI. Contact Edward J. Wagner, (608) 584-4858. ab9fn@arrl.net

Menominee, MI
Marinette-Menominee Amateur Radio Club. Location: The cafeteria of Bay Area Med Center, US-41 in Menominee. Building located next to KFC just off the Interstate Bridge. All classes given. Advance notice preferred, but not required. Test fee is \$10 with two pieces of identification required. Contact Jeff Rymer, N9PQU at jrymer@ez-net.com or Ed Engleman, KG8CX, at dxer@cybrzn.com. We will monitor the 147.000 (107.2 pl) repeater in event further directions or info is needed.

Milwaukee, WI
Milwaukee Radio Amateurs' Club (MRAC VEC) Last Saturday, except in March, June, August, and December. In addition, we test at the West Allis RAC Swapfest in January and at Superfest in April. 9:30 a.m. to noon at Amateur Electronic Supply (AES), 5710 W. Good Hope Road (the door you enter is actually numbered 5730), Milwaukee. For additional information, call (262) 797-MRAC. Bring along your original license, CSCE (if any), and one (1) good quality photocopy of each, plus two forms of identification, such a driver's license, etc. Also required is \$8.00 for the exam fee. Walkins are welcome. To register in advance, use a post card. Print the grade of license you are applying for, your name, address, and telephone number, and send the card to MRAC/VEC, Milwaukee Radio Amateurs Club, P.O. Box 070695, Milwaukee, WI 53207. Contact: John G. Kraak, 262-797-6722.

(Continued on page 8)

THE TEST POINT

(Continued from page 7)

Negaunee, MI. Sponsor: HIAWATHA ARC. Time: 8:00 AM (Walk-ins allowed). Contact: Richard E Schwenke, (906)249-3837, Email: n8gba@chartermi.net VEC: [ARRL/VEC](#). Location: Health Dept Bldg (Downstairs), 184 US 41 E, Entrance @ Back of building. Negaunee, MI 49866

Onalaska, WI
Sponsor: Riverland ARC, Time: 9:00 AM (Walk-ins allowed), Contact: Roger C. Reader, (608)783-0723. Email: readers@centurytel.net. VEC: [ARRL/VEC](#). Location: Onalaska Public Library. 741 Oak Ave S. Onalaska, WI 54650

Oshkosh, WI (Omro)
Oshkosh VE Team Amateur Radio exams monthly on the second Saturday. Registration begins at 8:30 a.m. and exams will be given from 9 a.m. until noon. Omro Community Center, 130 W. Larrabee, Omro, WI. Walkins welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE, etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The exam fee is \$6.65. For more information, please call Dick Lemme, K9FA, at (920) 235-0987, e-mail: lemme@vbe.com, or write Dick at 826 Jefferson Street, Oshkosh, WI 54901.

Ozaukee, WI
Sponsor: Ozaukee Radio Club. Time: 9:00 AM (Walk-ins allowed), Contact: John G. Kraak. (414)332-6722. Email: jkraak@wi.rr.com. VEC: [Milwaukee VEC](#). Location: Circle B Recreation Center, 6261 State Road 60, Cedarburg, WI 53012

Portage, WI
Columbia County Law Enforcement Center, 711 E. Cook St., Highway 33, Portage, WI. Time: 9:00 AM (Walk-ins allowed), Contact: Edward J. Wagner, (608)584-4858 Talk in on 146.52.

Email: ab9fn@arrl.net. VEC: [ARRL/VEC](#). Location: Columbia County Law Enforcement Center, 711 E Cook St, Highway 33, Portage, WI 53901 Talk-in Frequency 146.520 MHz.

Racine, WI
ARRL VEC Monthly - first Saturday, except January, July, and August. Monthly exams are given 9 to 11 a.m. at the Faith United Methodist Church, 1013 Harmony Drive, Racine. Walk-ins are permitted. Talk in on 147.87/.27. Inquiries and registrations should be directed to Paul B. Smedegaard, N9RGW, 929 Lathrop Ave., Racine, WI 53405-2339. Telephone: (262) 637 4750. or e-mail to smedegaa@wi.net

Rockford, IL
Northern Illinois Volunteer Examiners (W5YI VEC) Third Saturday of every month. 9:00 a.m. to noon. No new applicants after 11:00 a.m. Walkins welcome. Held at St. An-

thony Hospital, 5660 E State St., Rockford, IL. Rusty Cordell, WB9QYV, 1823 Hulin St., Rockford, IL 61102-2619. (815) 968-0080. e-mail: WB9QYV@aol.com.

Sheboygan, WI
Sheboygan County ARC (ARRL/VEC). Exams are held in the Red Cross Building, 2032 Erie Avenue, Sheboygan, WI. The test areas are handicap accessible with signage posted to direct candidates to the proper area of the building. Walk-ins are accepted, however notification ahead of time of your intention to appear would be appreciated. Contact: Art Pahr K9XJ, 920-876-2370. N8029 Willow Road k9xj@arrl.net Plymouth, WI 53073-2929

Tomahawk, WI
Tomahawk ARRL VE Team (ARRL/VEC). Last Saturday of every month, January thru October. Registration at 8:30 a.m. and testing starts at 9:00 a.m. For location or other information, inquire on 145.43 MHz. repeater or contact: Terry Collins, KB9AUP, W6564 Highway 8, Tomahawk, WI 54487. Telephone (715) 453-4633, dcollins@newnorth.net.

St. Paul, MN
Saint Paul Radio Club (SPRC) First Saturday of the month, 8:30 a.m. Test Site: St. Paul Technical College, 235 Marshall Ave., St Paul, MN. Ed Van Cleave, W0VC, (612) 636-0108. www.qsl.net/sprc/index.html.

Upper Michigan sites::

Washington Island, WI
Contact: John W. Van Sandt, (217) 826-8821. n9yrx@hotmail.com

Wausau, WI.
Sponsor: WVRA. Time: 2:30 PM (Walk-ins allowed). Contact: Gerald L. Graebel, (715) 842-9542 Email: w9glg@arrl.net. VEC: [ARRL/VEC](#). Location: American Legion Golf Course, 1001 Golf Club Rd, Wausau, WI 54403

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Ken Ebnetter, 822 Wauona Trail, Portage, WI 53901.
Please do NOT send cash.

The following is taken from *The Feedline*, newsletter of the Four Lake Amateur Radio Club of Madison, Wisconsin.

Elmers
If you are interested in being an Elmer, one who helps newcomers get started in ham radio, we would like you to contact FLARC. We are currently searching for a member who would like to be the Coordinator of the Elmer Program for FLARC. If you are interested, please contact Frederick, W9GOC, or John, K0ZYA. Let us all get involved in helping others become better amateur radio operators. *BECOME AN ELMER!*

Technician Training School
The next Technician License Training Session will be held September 17 and 18, 2005 at the New Space Place location. Contact Don, W9IXG for more information.

VE Testing Program, New Location
The Madison Wisconsin, Four Lakes Amateur Radio Club sponsored VE testing has moved to the new University of Wisconsin Space Place, 2300 South Park Street, lower level, Madison, WI in the Villager shopping center complex. Exams are given the first Saturday of the month. Holidays included. Doors open at 8:00 AM, and we hope to have all exams completed and graded by 10:00 AM.

If you need special accommodations for testing, we need some advance warning on the nature of the accommodations you will need, e.g., an exam reader, visual code, etc. Other than that no reservations are necessary. Walk-ins preferred. Try to arrive at 8 AM or shortly thereafter.

UW-Space Place is located at 2300 S. Park Street, lower level, in Madison, WI. Watch for the Park Street, highway 151 north, exit from the Beltline which is highway 12 & 18 - UW-Space Place is approximately 1/2 mile north of the Beltline, and will be on your left as you head toward the heart of town just past McDonald's. That landmark is more identifiable than the Space Place signage. As of July 2005 there was no outside Space Place signage.

The Villager shopping center's 2300

S Park Street is the middle of the first parking lot past McDonald's. The UW radio club's BARS, 146.685 pl 123, repeater is used for talk in before start time of 8 AM. Testing is in the lower part of the building in the Space Place class room. Look for signs when you enter the building. As of July 2005 remodeling was still being done on the inside of the building.

Things to bring:
Photo ID or two other forms of identification; If you have another FCC license (for example, GMRS) in your name, please bring your Federal Registration Number as it is used by the FCC's Universal Licensing System. (If you have no such license, your Social Security number will serve as an interim identifier until your FRN is generated.)

If you have a current amateur radio license, please also bring:

The ORIGINAL license and ORIGINALs of any CSCEs which should be considered (both returned to you after inspection), and a photocopy of the license and CSCEs (sent with your application to the ARRL VEC) \$14.00 exam fee, preferably as a check or money order made payable to ARRL/VEC

Things NOT to bring:
A fancy programmable calculator. (the calculator must not have memories, or the memories must be cleared before you use it on the test. This includes clearing the PDA or cell phone memories, so those would not be good choices to use for a calculator.) Simple calculators are provided for your use.

73, Sam Rowe KG9NG acting coordinator
e-mail <KG9NG@arrl.net>
608 246-8582 24 hour machine

Wisconsin Section News
Keep in touch with the ham action in Wisconsin by going to the Wisconsin section website:
<http://www.arrl.org/sections/?sect=WI>.

73, Don, W9IXG, Wisconsin Section Manager

—*The Feedline* SEPT. 2005

Just another filler:

A teacher said to her class: "Who was the first man?" "George Washington," a little boy shouted promptly. "How do you make out that George Washington was the first man?" asked the teacher, smiling indulgently. "Because, " said the little boy, "he was first in war, first in peace, and first in the hearts of his coun-

trymen. "But at this point a larger boy held up his hand. "Well," said the teacher to him, "who do you think was the first man?" " " I d o n ' t k n o w w h a t his name was," said the larger boy, "but I know it wasn't George Washington, ma'am, because the history book says George Washington married a widow, so, of course, there must have been a man ahead of him."

34th ANNUAL MIDWINTER SWAPFEST



Ham Radio, Computer, Electronics
SATURDAY - JANUARY 7, 2006
8:00 AM - 2:00 PM

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WAUKESHA, WISCONSIN

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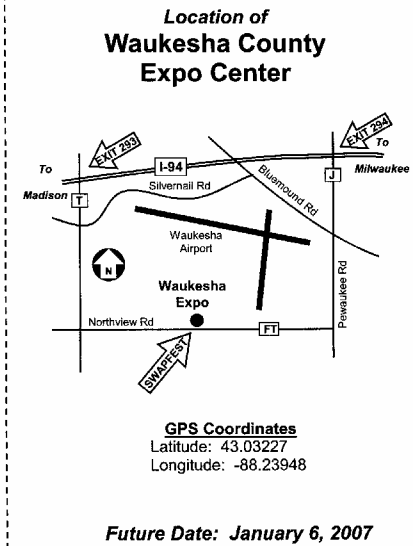
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Mail with #10 business size S.A.S.E. to:
WARAC SWAPFEST
P. O. BOX 1072
MILWAUKEE, WI 53201



FROM THE PUBLISHER

We are still running late, But we are gaining on our production schedule.

It now looks like things are getting back to normal and we can plan on more time to work on BSSS.

It is now nearing the end of October as I am writing this and we hope to get this to the printer the by the end of the month, and the December issue done by the end of November. After that we hope to be back on schedule.

To those Hamfests whose ads were to be in the this issue, we are extending your schedule for 2006 without additional charge.

If any of you have photos or write ups about your clubs activities we would welcome them also.

Before things got out of hand, we were able to complete out project of putting all the back issues of Smoke Signals

on to CDs. We are now able to offer them for sale. See information on page 8 of this issue.

We were able to enjoy the recent Ground Hog Party at Watertown. As presented in the story on page one, Tim Norbury, W9LUB (formerly WB9SLJ) was the winner of the good luck trophy this year. Tim now has his father's old call.

The trophy, which is reputed to bring great luck to he holder of it, has a bottle of Ballentine ale in a mahogany case.

Last years winner gave a presentation on the good fortune it had brought to him. He also spoke on the history of the Ballentine company. (once the third largest brewer in the nation.)

We are getting back on schedule now and hope to see many of you at the hamfests and other activities in the Wisconsin area.

73 ken k9en



THE WISCONSIN PACKETEER

Wisconsin Amateur Packet Radio Association
Joel Papke, N9BQM, Treasurer
7968 Ubinger Road, Pittsville, WI 54466-9214

Andy Nemec, KB9ALN, Editor—453 Cottage Grove Avenue—Green Bay, WI 54304—e-mail: kb9aln@tds.net

No PACKETEER this month. Hope to have something for you in the next issue.

VANITY PROCESSING COULD BE ON HIATUS UN- TIL LATE DECEMBER

Thanks to Hurricane Wilma, the FCC likely will not be processing any vanity call sign applications until late December. The Wireless Telecommunications Bureau (WTB) halted vanity processing on or about September 23 after realizing that filing and regulatory deadline extensions for licensees in certain states affected by hurricanes Katrina and Rita could affect the vanity program.

This week, the FCC announced an additional extension--until December 22--for licensees adversely affected by Hurricane Wilma. Because all three extensions apply to Amateur Radio's two-year "grace period," they could have an impact on vanity call sign processing. A WTB spokesperson said that the Wilma deadline extension probably would have the same effect on vanity processing as the previous two.

"It looks like it's going to be the same thing carried forward," Tracy Simmons told ARRL. He said amateur licensees can continue to file vanity call sign applications, but these will not be acted upon until the WTB resumes vanity processing. Then, all pending vanity call sign applications will be processed in the order they were received. Simmons indicated that the WTB would revise its Universal Licensing System (ULS) Web page "alert" telling applicants that vanity processing has been suspended "until further notice" to reflect the latest deadline extension.

In a public notice issued October 25, the WTB made clear that the Hurricane Wilma deadline extension only applies to "affected licensees and applicants in Florida and the Gulf of Mexico." For Part 97

licensees, the extension applies primarily to license modification and renewal application deadlines. According to this week's public notice, the WTB will require affected applicants to attach a "Hurricane Relief Certification" with any filings taking advantage of the extended deadlines.

"WTB will rely on certifications by licensees and applicants at the time they submit their filings as proof that relief is due and the filings are timely," the FCC said.

The FCC halted vanity processing to avoid such potential problems as re-issuing the call sign of an affected individual in one of the designated states whose license has expired but remains within the two-year grace period for renewal.

Under Part 97, Amateur Radio licensees have two years from the date of license expiration to renew their tickets without having to retest or risk losing their call signs to a vanity applicant. WTB has temporarily disabled the "auto-termination" feature of the ULS so that it will not automatically cancel any licenses not renewed by the end of the grace period.

On September 1, the FCC extended until October 31 all filing and regulatory deadlines falling between August 29 and

VANITY PROCESSING COULD BE ON HIATUS UN- TIL LATE DECEMBER

October 30 for licensees in Mississippi, Alabama and Louisiana affected by Hurricane Katrina. On September 24, it extended until November 21 all filing and regulatory deadlines falling between September 20 and November 20 for licensees in Louisiana and Texas affected by Hurricane Rita.

The FCC has not announced when vanity processing will resume, but at this point it appears unlikely that the date will

be any sooner than December 23. It typically takes approximately three weeks for the FCC to process a vanity call sign application. In August, the FCC raised the vanity application fee to \$21.90.

ARRL 2005 HOLIDAY TOY DRIVE KICKING INTO GEAR

The October 25 public notice is available on the FCC's Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/DA-05-2778A1.pdf>.

Toys already have begun showing up in Memphis, Tennessee, in response to the ARRL 2005 Holiday Toy Drive appeal. The League has partnered with The Salvation Army for this year's effort to brighten the holiday season for children in the coastal areas of Alabama, Mississippi and Louisiana left homeless or displaced in the aftermath of hurricanes Katrina and Rita.

"As The Salvation Army continues to provide assistance to the victims of the largest natural disaster in modern US history, we are excited to partner with the ARRL in providing toys for children affected by hurricanes Katrina and Rita this holiday season," said Mark Jones, The Salvation Army's public relations director.

Because it still has the facilities to manage a large toy drive, The Salvation Army will handle the distribution end of the program. Its facility in Jackson, Mississippi, will coordinate distribution throughout the Gulf Coast region.

Country music artist Patty Loveless, KD4WUJ, is the Holiday Toy Drive's national chairperson.

The collection point for the toys is in Memphis, Tennessee, where the League has secured a warehouse facility. Between now and December 10, the ARRL is en-

couraging ham radio operators throughout the US to purchase new, unwrapped toys for children ages 1 through 4 and send them with a QSL card to ARRL Toy Drive/The Salvation Army, 1775 Moriah Woods Blvd--Suite 12, Memphis, TN 38117-7125.

Volunteers in Memphis will sort and stock the toys, and in early December, the toys will be transported to The Salvation Army facilities in hurricane areas that need help the most at that time.

Amateur Radio volunteers turned out in force to support communication for relief and recovery operations in the Gulf Coast. ARRL Media and Public Relations Manager Allen Pitts, W1AGP, says the Amateur Radio community is once again in a position to make a difference.

"Thousands of families are without a place to live and will be homeless over the coming holiday season," he said. "For a child living out of a tent or car, FEMA trailer or someone else's home, the 2005 holiday season will be anything but jolly. But hams from all across the country are coming to their rescue again through the ARRL Holiday Toy Drive."

Cash donations from ARRL members also are welcome. League members may send checks to ARRL Holiday Toy Drive, 225 Main St, Newington, CT 06111.

"Knowing that someone 'out there' remembers you is a start for these children," Pitts said.

Loud burping while walking around the airport is prohibited in Halstead, Kansas.

The full impact of parenthood doesn't hit you until you multiply the number of your kids by thirty-two teeth.

Never interrupt your enemy when he is making a mistake. - Napoleon Bonaparte (1769-1821)



Yellow Thunder

Amateur Radio Club

WB9FDZ (Original Club Call)
K9ODK (Robert L. Prine Memorial Call)
Club net: Sundays 8:00 p.m. on 147.315
Robert Loomis, KB9VSQ, Secretary
108 Scarlet Ct., Reedsburg, WI 53959
YTARC Home Page: <http://www.qsl.net/ytarc/>





We forgot to mention in the last issue in the story about the Wisconsin QSO Party that the full results are available from the sponsoring West Allis Radio Amateurs Club on their web site at:
<http://www.warac.org/wqp/2005/05results.pdf>

The announcement of the 2006 contest will also be available on their web site.

WARAC Memorial Scholarship for 2005

The winner of the \$1,500 WARAC Memorial Scholarship for 2005 has been announced by the Foundation for Amateur Radio (FAR). She is Amber Lea Erickson, KC9FVW from Chippewa Falls, WI. She is a Senior studying Elementary/Middle Education and Social Studies at the University of Wisconsin at Eau Claire. She holds a Technician class license and is the only amateur radio operator in her family. She is active with the Midwest Worldwide Young Contesters and is a member of the Chippewa Valley VHF Contesters. This was the seventeenth year that WARAC has offered scholarships to qualified amateurs. Awards like these help young people further their education and prepare for their futures.

Since 1988, the West Allis Radio Amateur Club has awarded more than \$38,500 in WARAC Memorial Scholarships. One \$1,500 scholarship was offered by WARAC for 2005.

Eligibility requirements: Applicants must hold an Amateur Radio license, be residents of the State of Wisconsin and plan to attend a school pursuing at least an Associate degree. Those seeking graduate degrees are also eligible.



WARAC scholarships are administered by the [Foundation for Amateur Radio \(FAR\)](#). Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30 from:

FAR SCHOLARSHIPS
Post Office Box 831
RIVERDALE, MD 20738

WARAC Scholarship Chairman
[Dave Knaus, N9QA](#)

The man who sets out to carry a cat by its tail learns something that will always be useful and which never will grow dim or doubtful.
— Mark Twain.

Before you criticize someone, you should walk a mile in their shoes. That way, when you criticize them, you're a mile away and you have their shoes.

I do not have a psychiatrist and I do not want one, for the simple reason that if

he listened to me long enough, he might become disturbed.
— James Thurber



The art of medicine consists in musing the patient while nature cures the disease.
—Voltaire

"I have given two cousins to the war and I stand ready to sacrifice my wife's brother."
— Artemus Ward

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SWAPFESTS

<div><p>2004 WINNER Nicholas Luther, K9NL Oshkosh, WI.</p></div> <div><p>34th ANNUAL MIDWINTER SWAPFEST WAUKESHA EXPOSITION CENTER WAUKESHA, WISCONSIN SATURDAY JANUARY 7, 2006</p><p><i>Both sponsored by:</i> THE WEST ALLIS RADIO AMATEUR CLUB, INC. P. O. BOX 1072 • MILWAUKEE, WISCONSIN 53201</p></div>	<p><i>HAM IT UP EVERY SPRING!</i> MADISON SWAPFEST Mandt Community Center <i>APRIL XX, 2006</i> 400 Mandt Parkway Stoughton WI Doors open at 8 a.m. Sponsored by MARA/W9HSY P. O. Box 8890 Madison, WI 53708-8890 Swapfest Information Line. (608) 245-8890</p>	<p>SOUTH MILWAUKEE AMATEUR RADIO CLUB SWAPFEST 05 JULY 8, 2006 (Held every July) American Legion Park Shepard Avenue • Oak Creek, WI (414) 762-3235 Ask for Verne P.O. Box 102 South Milwaukee, WI 53172 e-mail ryatex@aol.com</p>
	<p>The Chicago FM Club presents RADIO EXPO 2005 September 17-18, 2005 Lake County Fairgrounds, Rts. 45 and 120 Grayslake, Illinois Free parking • Amateur Exams • Talkin 146.16/76 Info Voice mail and FAX: (708) 457-0966 http://www.chicagofmclub.org P.O. Box 56784, Harwood Heights, IL 60656-0724</p>	<p>TRI-COUNTY ARC PRESENTS HAMFEST 2006 March , 19 2006 YOUR SPRING FAVORITE ! www.cmdline.com/tcarc/ TCARC 213 Frederick St (920) 563-6381 Fort Atkinson, WI 53538 Evenings</p>
<div><p>North Shore Radio Club www.ns9rc.org <small>see the website!</small></p></div> <div><p>NS9RC <i>Fest</i> <small>formerly known as LAMARFest</small> Lake County Fairgrounds Grayslake, Illinois 04/XX/05</p></div>		<p>The Milwaukee Repeater Club presents AMATEUR RADIO FEST 2005 October 29, 2005 Waukesha County Expo Center Forum Buildings For more information, see: http://www.mrc91.org e-mail mrc@mrc91.org or call (414) 526-7011</p>
<p>Ozaukee Radio Club 27th ANNUAL RADIO AND COMPUTER SWAPFEST MAY 06, 2006 8 a.m. to 1 p.m. • Circle B Recreation Center Intersection of Highway 60 and County I Exams by Badger Examiners, c/o Gary Sharbuno, 5119 W, Willow Rd., Brown Deer, WI 53222 Swapfest sponsored by the Ozaukee Radio Club W55 N865 Cedar Ridge Drive • Cedarburg WI 53012</p>	<p>Circus City Swapfest Sponsored by the Yellow Thunder Amateur Radio Club Saturday, August 12, 2006 • 7 am—Noon Sauk County Fairgrounds • Baraboo, WI</p> <div><p>Vendors • Concessions Camping • Free Parking Tail Gate Area</p><p>\$4.00 — Advanced \$5.00 — At Gate \$5.00 — 8 foot tables</p></div> <p>Steve Schulze, N9UDO • Bill Klinkner, N9KXX (606) 356-2313 • (608) 643-6908/643-6453 http://www.qsl.net/ytarc/hamfest.htm,</p>	<p>SOUTH MILWAUKEE AMATEUR RADIO CLUB AUCTION Amateur Radio, Computers & Electronics Wed. OCT. 05, 2005, 6:00 p.m. American Legion Post 434 Shepard Avenue • Oak Creek, WI (414) 762-3235 Ask for Verne P.O. Box 102 South Milwaukee, WI 53172 e-mail: ryatex@aol.com</p>

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